



SEQUENCE LISTING

<110> Markham and Bonthron

<120> Wound Healing and Orofacial Clefting

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<140> 09/869,564

<141> 2001-06-29

<150> PCT/GB00/00003

<151> 2000-01-06

<150> GB9900167.9

<151> 1999-01-06

<160> 38

<170> PatentIn Ver. 2.1

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Pro Asp Ile Tyr Gln Gln Val Arg Asp Glu Leu Lys Arg Ala Ser Val	
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Gln Leu Val Arg Gln Gln Ile Ala Met Ala His Leu Ile Asn Gln Gln	
305 310 315 320	
ata gcc gtt agc cga ctc ctg gct cac cag cat cct caa gcc atc aac	1008
Ile Ala Val Ser Arg Leu Leu Ala His Gln His Pro Gln Ala Ile Asn	
325 330 335	
cag cag ttc ttg aac cac cca ccc att ccc aga gca gtt aag cca gag	1056
Gln Gln Phe Leu Asn His Pro Pro Ile Pro Arg Ala Val Lys Pro Glu	
340 345 350	
cca aca aac tcc tct gtg gaa gtc tct cct gat atc tac cag caa gtt	1104
Pro Thr Asn Ser Ser Val Glu Val Ser Pro Asp Ile Tyr Gln Gln Val	
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aga gat gag ttg aag agg gct agt gtg tct caa gct gtc ttt gca aga	1152
Arg Asp Glu Leu Lys Arg Ala Ser Val Ser Gln Ala Val Phe Ala Arg	
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gtg gca ttc aac cgc aca cag gga tta ttg tca gag ata ctg cgt aag	1200
Val Ala Phe Asn Arg Thr Gln Gly Leu Leu Ser Glu Ile Leu Arg Lys	
385 390 395 400	
gaa gaa gat ccc agg act gcg tct cag tct ctt cta gta aac ctg agg	1248
Glu Glu Asp Pro Arg Thr Ala Ser Gln Ser Leu Leu Val Asn Leu Arg	
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gcc atg cag aac ttc ctc aac ctg cct gaa gtg gag cgt gat cgc att	1296
Ala Met Gln Asn Phe Leu Asn Leu Pro Glu Val Glu Arg Asp Arg Ile	
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Tyr Gln Asp Glu Arg Glu Arg Ser Met Asn Pro Asn Val Ser Met Val	
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tcc tct gcc tct agc agt ccc agc tcc tcc cga acc cca cag gcc aaa	1392
Ser Ser Ala Ser Ser Ser Pro Ser Ser Ser Arg Thr Pro Gln Ala Lys	
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acc tcg aca ccg aca aca gac ctc cct att aag gtg gac ggc gcc aac	1440
Thr Ser Thr Pro Thr Thr Asp Leu Pro Ile Lys Val Asp Gly Ala Asn	
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gtc aac atc aca gct gcc att tat gac gag atc caa cag gag atg aaa	1488
Val Asn Ile Thr Ala Ala Ile Tyr Asp Glu Ile Gln Gln Glu Met Lys	
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aga gcc aag gtg tct caa gcc ctg ttt gcc aaa gtg gct gca aac aaa	1536
Arg Ala Lys Val Ser Gln Ala Leu Phe Ala Lys Val Ala Ala Asn Lys	
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agt cag ggc tgg ctt tgc gaa ctg ctt cgt tgg aag gag aac ccc agc	1584
Ser Gln Gly Trp Leu Cys Glu Leu Leu Arg Trp Lys Glu Asn Pro Ser	
515 520 525	
cca gaa aac cgc acc ctt tgg gag aat ctc tgc acc atc cgc cgt ttc	1632
Pro Glu Asn Arg Thr Leu Trp Glu Asn Leu Cys Thr Ile Arg Arg Phe	
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ctg aat ctt ccc caa cat gag cgg gat gtg atc tat gag gaa gaa tct	1680
Leu Asn Leu Pro Gln His Glu Arg Asp Val Ile Tyr Glu Glu Glu Ser	
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cga cat cac cac agt gaa cgc atg cag cat gtg gtc cag ctc cca cct	1728
Arg His His His Ser Glu Arg Met Gln His Val Val Gln Leu Pro Pro	
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gag ccc gtg cag gtc ctt cat cga cag cag tcc cag cca act aag gag	1776
Glu Pro Val Gln Val Leu His Arg Gln Gln Ser Gln Pro Thr Lys Glu	
580 585 590	
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Ser Ser Pro Pro Arg Glu Glu Ala Pro Pro Pro Pro Pro Pro Thr Glu
 595 600 605
 gac agc tgt gcc aaa aag cct cgg tct cgc aca aag atc tct ttg gaa 1872
 Asp Ser Cys Ala Lys Lys Pro Arg Ser Arg Thr Lys Ile Ser Leu Glu
 610 615 620
 gcc ctg ggc atc ctt caa agc ttc atc cat gat gta ggc ctc tat ccc 1920
 Ala Leu Gly Ile Leu Gln Ser Phe Ile His Asp Val Gly Leu Tyr Pro
 625 630 635 640
 gac cag gaa gcc atc cac aca ctc tcc gcc cag ctg gat ctc ccc aaa 1968
 Asp Gln Glu Ala Ile His Thr Leu Ser Ala Gln Leu Asp Leu Pro Lys
 645 650 655
 cac acc atc atc aag ttc ttc cag aac cag agg tac cac gtg aag cac 2016
 His Thr Ile Ile Lys Phe Phe Gln Asn Gln Arg Tyr His Val Lys His
 660 665 670
 cac ggg aag ctg aaa gag cac ctg ggc tcc gcg gtg gac gtg gct gaa 2064
 His Gly Lys Leu Lys Glu His Leu Gly Ser Ala Val Asp Val Ala Glu
 675 680 685
 tat aag gac gag gag ctg ctg acc gag tca gag gag aac gac agc gag 2112
 Tyr Lys Asp Glu Glu Leu Leu Thr Glu Ser Glu Glu Asn Asp Ser Glu
 690 695 700
 gaa ggc tcc gag gag atg tac aaa gtg gag gct gag gag gaa aat gct 2160
 Glu Gly Ser Glu Glu Met Tyr Lys Val Glu Ala Glu Glu Glu Asn Ala
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Arg Leu Glu Gln Asn Gly Ser Pro Met Gly Ala Arg Gly Arg Pro Asn
 35 40 45

Gly Ala Val Ala Lys Ala Val Gly Gly Leu Met Ile Pro Val Phe Cys

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His	Ala	Glu	Phe	Val	Leu	Val	Arg	Lys	Asp	Val	Leu	Phe	Ser	Gln	Leu
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Val	Glu	Thr	Ala	Leu	Leu	Ala	Leu	Gly	Tyr	Ser	His	Ser	Ser	Ala	Ala
			100					105						110	
Gln	Ala	Gln	Gly	Ile	Ile	Lys	Leu	Gly	Arg	Trp	Asn	Pro	Leu	Pro	Leu
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Ser	Tyr	Val	Thr	Asp	Ala	Pro	Asp	Ala	Thr	Val	Ala	Asp	Met	Leu	Gln
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Asp	Val	Tyr	His	Val	Val	Thr	Leu	Lys	Ile	Gln	Leu	Gln	Ser	Cys	Ser
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Lys	Leu	Glu	Asp	Leu	Pro	Ala	Glu	Gln	Trp	Asn	His	Ala	Thr	Val	Arg
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Lys	Glu	Cys	Pro	Leu	Ser	Gln	Ser	Met	Ile	Ser	Ser	Ile	Val	Asn	Ser
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Leu	Gln	Pro	Ile	Met	Ser	Pro	Gly	Leu	Leu	Ser	Pro	Gln	Leu	Ser	Pro
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Gln	Gln	Phe	Leu	Asn	His	Pro	Pro	Ile	Pro	Arg	Ala	Val	Lys	Pro	Glu
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Ala Met Gln Asn Phe Leu Asn Leu Pro Glu Val Glu Arg Asp Arg Ile				
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Tyr Gln Asp Glu Arg Glu Arg Ser Met Asn Pro Asn Val Ser Met Val				
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Thr Ser Thr Pro Thr Thr Asp Leu Pro Ile Lys Val Asp Gly Ala Asn				
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Val Asn Ile Thr Ala Ala Ile Tyr Asp Glu Ile Gln Gln Glu Met Lys				
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Asp Gln Glu Ala Ile His Thr Leu Ser Ala Gln Leu Asp Leu Pro Lys				
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660

665

670

His Gly Lys Leu Lys Glu His Leu Gly Ser Ala Val Asp Val Ala Glu
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Tyr Lys Asp Glu Glu Leu Leu Thr Glu Ser Glu Glu Asn Asp Ser Glu
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